

Product Information

RT-UG-PSC

Compressor-dryer base frame with air dryer and various pneumatic elements



The compressor-dryer base frame RT-UG-PSC is designed for large air output power. In combination with the compressor KCT 401S it will replace the formerly used series RT base frames in pressurisation systems.

The turn-key system is equipped with air-dryer and air storage tank for a fully automatic operation.

A compressor with sound proofed hood may be mounted optionally.

All measured values and eventually occurring operational faults are displayed in plain text and colour changeover at the control unit „Pressurisation System Controller“ (PSC). They can be forwarded to an external operational center by different communication channels like e.g. Ethernet (TCP/IP), Mod-Bus or the LANCIER Tx-Bus. There the evaluation might be processed by the UMS system.

All components are mounted easily accessible at the wide opening door.



Technical Data

Output power with mounted compressor Type KCT 401S	8,500 NI/h, 0 to -20 %
Combinable compressor types	KCT 401S
Operating voltage	230V / 400 V +6% -10%, 50 Hz
Working pressure of compressor	approx. 6.0 bar
Opening pressure safety valve „compressor“	8 bar
Working pressure On-Off	3.0 to 5.0 bar
Opening pressure safety valve „high-pressure“	8.0 bar
Output pressure	0.5 bar, others on request
Opening pressure safety valve „cable pressure“	0.7 bar
Dew-point of output air (typical)	< -20 °C
Content of air storage tank	2 x 40 l
Ambient temperature limit	+1 °C to +35 °C
Ambient humidity limit	0 to 90 % rel. humidity, non condensing
Signal voltage	48/60 V DC
Workplace-related emission value	75 dB (A) ± 2.3 dB (A)
Dimensions (Width x Depth x Height)	750 x 650 x 850 mm (without compressor)
Weight	approx. 132 kg (without compressor)

Ordering Data

RT-UG-PSC without compressor base frame with air dryer and various pneumatic elements	Order-no. 075438.000
Compressor KCT 401S with sound proofed hood	Order-no. 070492.000